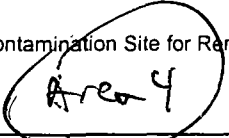


	U.S. ENVIRONMENTAL PROTECTION AGENCY Cooperative Agreement		ASSISTANCE ID NO.		DATE OF AWARD SEP 27 2004
			PRG	DOC ID	
			V	96565101	- 0
			TYPE OF ACTION New		
PAYMENT METHOD: ASAP			ACH# 1734800		
RECIPIENT TYPE: State			Send Payment Request to: Comptroller Branch, MF-10J		
RECIPIENT:			PAYEE:		
Illinois Environmental Protection Agency 1021 North Grand Avenue East, P.O. Box 19276 Springfield, IL 62794-9276 EIN: 37-6002057			Illinois Environmental Protection Agency 1021 North Grand Avenue East, P.O. Box 19276 Springfield, IL 62794-9276		
PROJECT MANAGER		EPA PROJECT OFFICER		EPA GRANT SPECIALIST	
Sean M. Hannah 1021 North Grand Avenue East, P.O. Box 19276 Springfield, IL 62794-9276 E-Mail: Phone: 217-782-9300		Romona Smith 77 West Jackson Blvd., SM-5J Chicago, IL 60604-3507 E-Mail: Smith.Romona@epamail.epa.gov Phone: 312-886-6139		Karen Sykes Assistance Section, MC-10J E-Mail: sykes.karen@epamail.epa.gov Phone: (312) 886-7571	
PROJECT TITLE AND DESCRIPTION SUPERFUND - IEPA - SOUTHEAST ROCKFORD To provide funding to IEPA for the Southeast Rockford Groundwater Contamination Site for Remedial Action activities <div style="text-align: center; margin-top: 20px;">  </div>					
BUDGET PERIOD 10/01/2004 - 09/30/2006		PROJECT PERIOD 10/01/2004 - 09/30/2006		TOTAL BUDGET PERIOD COST \$2,750,017.00	TOTAL PROJECT PERIOD COST \$2,750,017.00
NOTE: The Agreement must be completed in duplicate and the Original returned to the appropriate Grants Management Office listed below, within 3 calendar weeks after receipt or within any extension of time as may be granted by EPA. Receipt of a written refusal or failure to return the properly executed document within the prescribed time, may result in the withdrawal of the offer by the Agency. Any change to the Agreement by the Recipient subsequent to the document being signed by the EPA Award Official, which the Award Official determines to materially alter the Agreement, shall void the Agreement.					
OFFER AND ACCEPTANCE					
The United States, acting by and through the U.S. Environmental Protection Agency (EPA), hereby offers Assistance/Amendment to the <u>Illinois Environmental Protection Agency</u> for <u>90.00</u> % of all approved costs incurred up to and not exceeding <u>\$2,500,000</u> for the support of approved budget period effort described in application (including all application modifications) cited in the Project Title and Description above, signed <u>09/07/2004</u> included herein by reference.					
ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)			AWARD APPROVAL OFFICE		
ORGANIZATION / ADDRESS			ORGANIZATION / ADDRESS		
U.S. EPA Region 5 Mail Code MCG10J 77 West Jackson Blvd. Chicago, IL 60604-3507			U.S. EPA, Region 5 Superfund Division, s-6J 77 West Jackson Blvd. Chicago, IL 60604-3507		
THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY					
SIGNATURE OF AWARD OFFICIAL 		TYPED NAME AND TITLE RICHARD C. KARL, DIRECTOR, SUPERFUND DIVISION		DATE <u>7/27/04</u>	
This agreement is subject to applicable U.S. Environmental Protection Agency statutory provisions and assistance regulations. In accepting this award or amendment and any payments made pursuant thereto, (1) the undersigned represents that he is duly authorized to act on behalf of the recipient organization, and (2) the recipient agrees (a) that the award is subject to the applicable provisions of 40 CFR Chapter 1, Subchapter B and of the provisions of this agreement (and all attachments), and (b) that acceptance of any payments constitutes an agreement by the payee that the amounts, if any found by EPA to have been overpaid will be refunded or credited in full to EPA.					
BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION					
SIGNATURE 		TYPED NAME AND TITLE RENEE CIPRIANO, DIRECTOR		DATE <u>10/19/04</u>	

EPA Region 5 Records Ctr.



392513

Budget Summary Page

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$23,436
2. Fringe Benefits	\$10,507
3. Travel	\$2,819
4. Equipment	\$0
5. Supplies	\$0
6. Contractual	\$2,698,517
7. Construction	\$0
8. Other	\$0
9. Total Direct Charges	\$2,735,279
10. Indirect Costs: <u>37.20%</u> Base <u>S+FB</u>	\$14,738
11. Total (Share: Recipient <u>10.00</u> % Federal <u>90.00</u> %.)	\$2,750,017
12. Total Approved Assistance Amount	\$2,500,000
13. Program Income	\$0

Detailed Budget Page: 1

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$23,436
2. Fringe Benefits	\$10,507
3. Travel	\$2,819
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Detailed Budget Page: 2

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$0
2. Fringe Benefits	\$0
3. Travel	\$0
4. Equipment	\$0
5. Supplies	\$0
6. Contractual	\$0
7. Construction	\$0
8. Other	\$0
9. Total Direct Charges	\$0
10. Indirect Costs	\$0
11. Total (Share: Recipient % Federal %.)	\$0
12. Total Approved Assistance Amount	\$0
13. Program Income	\$0

Southeast Rockford Groundwater Contamination Site
Remedial Action Application/SOW

The purpose of this Remedial Action (RA) Application is to request funding from the United States Environmental Protection Agency for Illinois Environmental Protection Agency to implement the Remedial Action (RA) for Source Area 4. The Source Control Operable Unit (SCOU) Area 4 Remediation is included in the Southeast Rockford Groundwater Contamination Site (SERGC) CERCLIS ID. No. ILD981000417. Illinois EPA has the lead role for technical issues for oversight in the Southeast Rockford Groundwater Contamination Site Remedial Design and Remedial Action.

Source Area 4 the former Swebco Manufacturing facility is located at 2630 Marshal Ave in Rockford and is four source areas designated for contamination source removal in the Record of Decision (ROD) signed in June 2002. Currently the building is occupied by a wood pallet manufacturing and refurbishing operation with residential units located on three sides of the business. Therefore, the remedial action was designed with all of these factors figured into the overall design.

Illinois EPA has designated the following individual as the State Remedial Project Manager for the Site:

Thomas C. Williams LPG.
National Priorities List Unit
Federal Sites Remediation Section
Division of Remedial Management
Bureau of Land
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62794-9397 217-524-3300
815-223-1714 LaSalle

The work to be performed under this CA is listed below as tasks A-D.

A. Oversight During the Construction and Implementation of the Remedy

Illinois EPA will provide oversight on all activities related to the actual construction phase and implementation of the remedy that will also include all activities leading up to the construction. This assistance includes, but is not limited to technical oversight performed by Illinois EPA's oversight of Remedial Action contractors. Oversight activities will include compliance with the Remediation Objectives set forth in the ROD for the SERGC. The implementation of the remedy will be performed in two separate phases that include a soil and a leachate remedial action. The soil portion as described in the ROD includes the excavation of contaminated soil and treatment by Low Temperature Thermal Desorption (LTTD). This part of the remedy will involve extensive geotechnical considerations that are specified in the design documents. A

leachate remedy will involve the use of air stripping and the placement of extraction wells. This portion of the remedy will involve long term O&M as well as groundwater monitoring to assess the remediation objectives.

I. Description of The Remedial Action/Performance Standards

The State through its Oversight and Remedial Action contractors will construct the approved design to meet the performance standards and specifications set forth in the ROD. Performance standards will include cleanup standards, standards of control, quality control, quality criteria, and other substantive requirements, criteria or limitations including all Applicable or Relevant and Appropriate Requirements set forth in the ROD and the approved design documents.

II. Site Security

The State through its Oversight and remedial action contractor will install and maintain fences as need to prevent access and vandalism. Fencing at a minimum will be six feet high and contain a three foot barded wire top should it be required. Warning signs will be posted that advises entry into these areas may pose a risk to exposure from chemicals. These signs will also provide a telephone number to call to report any potential malfunctions of the remediation equipment. A building of some sort will be placed on the site to contain equipment and for overall coordination of the project.

III. Institutional Controls

The Remedial Action work may require institutional controls set forth in the ROD. These institutional controls will be implemented within the appropriate time frames and as required for the Remedial Action work to proceed. Illinois EPA does plan to implement a Groundwater Management Zone pursuant to 35 Ill. Adm. Code Part 620 as an institutional control. In addition, the property will may require a deed restriction limiting the use of the property to industrial/commercial use only.

IV. Construction and Operations for Remedial Action.

Construction of the remedy for Source Area 4 will be performed as set forth in the approved design documents pursuant to the ROD. The work performed will also meet all appropriate CERCLA requirements and ARARs set forth in the ROD. Should material be removed by excavation or leachate extraction systems that contain contamination above performance standards set forth in the ROD then it may be necessary to transport it to a facility licensed to dispose of hazardous materials. During the construction and operation of the remedy the State will utilize 29 CFR 1910.120 for Safety and Health compliance and 29 CFR 1926 for Safety and Health Construction Standards.

V. Installation and Operation of Groundwater Monitoring Program for Remedial Action

The state will design as part of the remedy a groundwater monitoring program to evaluate and ensure that the implementation of the Remedial Action complies with the ROD and the approved design documents and performance standards. Construction, maintenance and placement of the groundwater monitoring wells shall conform to ARARs and standards set forth in the ROD. Discharges of treated groundwater will conform to ARARs set forth in the ROD. In designing the groundwater monitoring system the State will use existing groundwater monitoring wells and place additional wells as needed to monitor the overall effectiveness of the entire system.

It will be the objective that emissions do not exceed a cumulative 10^{-6} risk during the performance of the Remedial Action. Monitoring will be performed during the remedial action phases to ensure equipment is operating per design and to meet performance standards in the ROD.

VI. Scope of Remedial Action

Illinois EPA is submitting Design Documents that include:

- a. General Requirements of the Work to be Performed
- b. Site Work that includes construction elements of the remedy
- c. Concrete Work
- d. Masonry Work
- e. Metals
- f. Wood and Plastics
- g. Thermal and Moisture Protection
- h. Instrumentation and Controls includes the scope of work to be performed by the LTTD unit and the Leachate treatment systems.
- I. Mechanical and electrical system requirements

B. Review and Comment on Reports

Illinois EPA will review and provide comments when necessary on all Reports generated relating to the construction and implementation of the remedy for Source Area 4. Copies of these Reports will be provided to U.S. EPA for comment as well and Illinois EPA will forward these comments to its oversight contractor. Illinois EPA will also be responsible to see that the Remediation Objectives and ARARS of the ROD are met through the implementation of the remedy.

Illinois EPA's oversight contractor will also generate all necessary supporting documents to the Remedial Action of the project and provide a copies of these documents as required for Illinois EPA, U.S. EPA, the repositories, and the administrative record. Additional copies may also be required for the City of Rockford as requested by Illinois EPA. Documents provided will include but not be limited to: a Quality Assurance Project Plan (QAPP), Work Plans, Health and Safety Plans, Field Sampling Plans, and additional plans and reports as needed.

C. Community Relations Activities

Illinois EPA will provide community relations for the remedy for Source Area 4 as it has through the Remedial design phase. The community relations support will include but is not limited to, generating fact sheets, press releases, attending public meetings, attending availability sessions, attending meetings with local elected officials, community leaders and responding to Congressional inquiries. In addition, the community relation's coordinator will respond to inquiries and concerns of local residents regarding the Remedial action. These tasks may require coordination with U.S. EPA on media inquiries.

D. Project Management Support

The Illinois EPA remedial action project manager will provide support to assure that deliverable reviews and other specific requests made by U.S. EPA is addressed. Specific duties of this task include reviewing comments made by U.S. EPA on Reports, coordinating with other Illinois EPA staff (attorney's, community relation coordinators) and Illinois EPA contractors for duties related to this RA. Illinois EPA will also prepare briefings for senior managers, prepare semiannual progress reports for reports for U.S. EPA. Other special requests will be completed as deemed appropriate by agreement between the Illinois and U.S. EPA.